RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/603,566A_
Source: _IFW016_
Date Processed by STIC: _3-30-05_

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RAW SEQUENCE LISTING   DATE: 03/30/2005
PATENT APPLICATION: US/10/603,566A   TIME: 10:56:07

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Output Set: N:\CRF4\03302005\J603566A.raw

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 3 <110> APPLICANT: Wittamer, Valerie
 4         Communi, David
 5         Vandenbogaerde, Ann
 6         Detheux, Michel
 7         Parmentier, Marc
 9 <120> TITLE OF INVENTION: Compositions and Methods Comprising a Ligand of ChemerinR
11 <130> FILE REFERENCE: 9409/2045B
13 <140> CURRENT APPLICATION NUMBER: 10/603,566A
14 <141> CURRENT FILING DATE: 2003-06-25
16 <150> PRIOR APPLICATION NUMBER: US 60/303,858
17 <151> PRIOR FILING DATE: 2001-07-09
19 <150> PRIOR APPLICATION NUMBER: US 09/905,253
20 <151> PRIOR FILING DATE: 2001-07-13
22 <150> PRIOR APPLICATION NUMBER: US 10/201,187
23 <151> PRIOR FILING DATE: 2001-07-23
25 <150> PRIOR APPLICATION NUMBER: PCT/EP02/07647
26 <151> PRIOR FILING DATE: 2002-07-09
28 <160> NUMBER OF SEQ ID NOS: 94
30 <170> SOFTWARE: PatentIn version 3.1
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33 <211> LENGTH: 1112
34 <212> TYPE: DNA
35 <213> ORGANISM: Homo sapiens
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42 ctggtggtgg tctacagcat cgtctgcttc ctcgggattc tgggcaatgg tctggtgatc   180
44 atcattgcca ccttcaagat gaagaagaca gtgaacatgg tctggttcct caacctggca   240
46 gtggcagatt tcctgttcaa cgtcttcctc ccaatccata tcacctatgc cgccatggac   300
48 taccactggg ttttcgggac agccatgtgc aagatcagca acttccttct catccacaac   360
50 atgttcacca gcgtcttcct gctgaccatc atcagctctg accgctgcat ctctgtgctc   420
52 ctccctgtct ggtcccagaa ccaccgcagc gttcgcctgg cttacatggc ctgcatggtc   480
54 atctgggtcc tggctttctt cttgagttcc ccatctctcg tcttccggga cacagccaac   540
56 ctgcatggga aatatcctg cttcaacaac ttcagcctgt ccacacctgg gtcttcctcg    600
58 tggcccactc actcccaaat ggaccctgtg gggtatagcc ggcacatggt ggtgactgtc   660
60 acccgcttcc tctgtggctt cctggtccca gtcctcatca tcacagcttg ctacctcacc   720
62 atcgtctgca aactgcagcg caaccgcctg gccaagacca agaagccctt caagattatt   780
64 gtgaccatca tcattacctt cttcctctgc tggtgcccct accacacact caacctccta   840
66 gagctccacc acactgccat gcctggctct gtcttcagcc tgggtttgcc cctggccact   900
68 gcccttgcca ttgccaacag ctgcatgaac cccattctgt atgtttttcat ggtcaggact   960
70 tcaagaagtt caaggtggcc ctcttctctc gcctggtcaa tgctctaagt gaagatacag  1020
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89                  20                  25                  30
92  Glu Ala Arg Val Thr Arg Ile Phe Leu Val Val Val Tyr Ser Ile Val
93              35                  40                  45
96  Cys Phe Leu Gly Ile Leu Gly Asn Gly Leu Val Ile Ile Ile Ala Thr
97      50                  55                  60
100 Phe Lys Met Lys Lys Thr Val Asn Met Val Trp Phe Leu Asn Leu Ala
101 65                  70                  75                  80
104 Val Ala Asp Phe Leu Phe Asn Val Phe Leu Pro Ile His Ile Thr Tyr
105                 85                  90                  95
108 Ala Ala Met Asp Tyr His Trp Val Phe Gly Thr Ala Met Cys Lys Ile
109                 100                 105                 110
112 Ser Asn Phe Leu Leu Ile His Asn Met Phe Thr Ser Val Phe Leu Leu
113             115                 120                 125
116 Thr Ile Ile Ser Ser Asp Arg Cys Ile Ser Val Leu Leu Pro Val Trp
117     130                 135                 140
120 Ser Gln Asn His Arg Ser Val Arg Leu Ala Tyr Met Ala Cys Met Val
121 145                 150                 155                 160
124 Ile Trp Val Leu Ala Phe Phe Leu Ser Ser Pro Ser Leu Val Phe Arg
125                 165                 170                 175
128 Asp Thr Ala Asn Leu His Gly Lys Ile Ser Cys Phe Asn Asn Phe Ser
129                 180                 185                 190
132 Leu Ser Thr Pro Gly Ser Ser Ser Trp Pro Thr His Ser Gln Met Asp
133             195                 200                 205
136 Pro Val Gly Tyr Ser Arg His Met Val Val Thr Val Thr Arg Phe Leu
137     210                 215                 220
140 Cys Gly Phe Leu Val Pro Val Leu Ile Ile Thr Ala Cys Tyr Leu Thr
141 225                 230                 235                 240
144 Ile Val Cys Lys Leu Gln Arg Asn Arg Leu Ala Lys Thr Lys Lys Pro
145                 245                 250                 255
148 Phe Lys Ile Ile Val Thr Ile Ile Ile Thr Phe Phe Leu Cys Trp Cys
149                 260                 265                 270
152 Pro Tyr His Thr Leu Asn Leu Leu Glu Leu His His Thr Ala Met Pro
153     275                 280                 285
156 Gly Ser Val Phe Ser Leu Gly Leu Pro Leu Ala Thr Ala Leu Ala Ile
157     290                 295                 300
160 Ala Asn Ser Cys Met Asn Pro Ile Leu Tyr Val Phe Met Gly Gln Asp
161 305                 310                 315                 320
164 Phe Lys Lys Phe Lys Val Ala Leu Phe Ser Arg Leu Val Asn Ala Leu
165                 325                 330                 335
168 Ser Glu Asp Thr Gly His Ser Ser Tyr Pro Ser His Arg Ser Phe Thr
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190 ctggtggtga tctacagctt ggtgtgcttc ctcggtctcc taggcaacgg cctggtgatt       180
192 gtcatcgcca ccttcaagat gaagaagacc gtgaacactg tgtggtttgt caacctggct       240
194 gtggccgact tcctgttcaa catctttttg ccgatgcaca tcacctacgc ggccatggac       300
196 taccactggg tgttcgggaa ggccatgtgc aagatcagca acttcttgct cagccacaac       360
198 atgtacacca gcgtcttcct gctgactgtc atcagctttg accgctgcat tccgtgctg        420
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204 attcatggga agataacctg cttcaacaac ttcagcttgg ccgcgcctga gtcctcccca       600
206 catcccgccc actcgcaagt agtttccaca gggtacagca gacacgtggc ggtcactgtc       660
208 acccgcttcc tttgcggctt cctgatcccc gtcttcatca tcacggcctg ctaccttacc       720
210 atcgtcttca agctgcagcg caaccgcctg gccaagaaca agaagccctt caagatcatc       780
212 atcaccatca tcatcacctt cttcctctgc tggtgcccct accacaccct ctacctgctg       840
214 gagctccacc acacagctgt gccaagctct gtcttcagcc tggggctacc cctggccacg       900
216 gccgtcgcca tcgccaacag ctgcatgaac cccattctgt acgtcttcat gggccacgac       960
218 ttcagaaaat tcaaggtggc cctcttctcc cgcctggcca acgccctgag tgaggacaca      1020
220 ggcccctcct cctaccccag tcacaggagc ttcaccaaga tgtcgtcttt gaatgagaag      1080
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226 <211> LENGTH: 371
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236 Ser Asp Gly Phe Gly Tyr Phe Val Asp Leu Glu Glu Ala Ser Pro Trp
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240 Glu Ala Lys Val Ala Pro Val Phe Leu Val Val Ile Tyr Ser Leu Val
241         35                  40                  45
244 Cys Phe Leu Gly Leu Leu Gly Asn Gly Leu Val Ile Val Ile Ala Thr
245     50                  55                  60
248 Phe Lys Met Lys Lys Thr Val Asn Thr Val Trp Phe Val Asn Leu Ala
249 65                  70                  75                  80
252 Val Ala Asp Phe Leu Phe Asn Ile Phe Leu Pro Met His Ile Thr Tyr
253                 85                  90                  95
256 Ala Ala Met Asp Tyr His Trp Val Phe Gly Lys Ala Met Cys Lys Ile
257             100                 105                 110
260 Ser Asn Phe Leu Leu Ser His Asn Met Tyr Thr Ser Val Phe Leu Leu
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269 145               150               155               160
272 Val Trp Val Leu Ala Phe Phe Leu Ser Ser Pro Ser Leu Val Phe Arg
273             165               170               175
276 Asp Thr Ala Asn Ile His Gly Lys Ile Thr Cys Phe Asn Asn Phe Ser
277         180               185               190
280 Leu Ala Ala Pro Glu Ser Ser Pro His Pro Ala His Ser Gln Val Val
281         195               200               205
284 Ser Thr Gly Tyr Ser Arg His Val Ala Val Thr Val Thr Arg Phe Leu
285     210               215               220
288 Cys Gly Phe Leu Ile Pro Val Phe Ile Ile Thr Ala Cys Tyr Leu Thr
289 225               230               235               240
292 Ile Val Phe Lys Leu Gln Arg Asn Arg Leu Ala Lys Asn Lys Lys Pro
293             245               250               255
296 Phe Lys Ile Ile Ile Thr Ile Ile Ile Thr Phe Phe Leu Cys Trp Cys
297         260               265               270
300 Pro Tyr His Thr Leu Tyr Leu Leu Glu Leu His His Thr Ala Val Pro
301     275               280               285
304 Ser Ser Val Phe Ser Leu Gly Leu Pro Leu Ala Thr Ala Val Ala Ile
305     290               295               300
308 Ala Asn Ser Cys Met Asn Pro Ile Leu Tyr Val Phe Met Gly His Asp
309 305               310               315               320
312 Phe Arg Lys Phe Lys Val Ala Leu Phe Ser Arg Leu Ala Asn Ala Leu
313             325               330               335
316 Ser Glu Asp Thr Gly Pro Ser Ser Tyr Pro Ser His Arg Ser Phe Thr
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320 Lys Met Ser Ser Leu Asn Glu Lys Ala Ser Val Asn Glu Lys Glu Thr
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331 <213> ORGANISM: Rattus norvegicus
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338 ctggtggtaa tctacagctt ggtgtgcttc ctcgggatcc taggcaatgg cctggtgatt    180
340 gtcatcgcca ccttcaagat gaagaagacg gtgaacaccg tgtggtttgt caacctggcc    240
342 gtggctgact tcctgttcaa catcttcttg cccatccaca tcacctatgc cgctatggac    300
344 taccactggg tgttcgggaa agccatgtgc aagattagta gctttctgct aagccacaac    360
346 atgtacacca gcgtcttcct gctcactgtc atcagcttcg accgctgcat tccgtgctc    420
348 ctccccgtct ggtcccagaa ccaccgcagc gtgcgtctgg cctacatgac ctgcgtggtt    480
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352 agccacggga agataacctg cttcaacaac ttcagcctgg cggcgcccga gcctttctct    600
354 cattccaccc acccgcgaac agacccggta gggtacagca gacatgtggc ggtcaccgtc    660
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362 gagctccacc acacggctgt gccagcctct gtcttcagcc tgggactgcc cctggccaca   900
364 gccgtcgcca tcgccaacag ctgtatgaac cccatcctgt acgtcttcat gggccacgac   960
366 ttcaaaaaat tcaaggtggc ccttttctcc cgcctggtga atgccctgag cgaggacaca  1020
368 ggaccctcct cctaccccag tcacaggagc ttcaccaaga tgtcctcatt gattgagaag  1080
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376 <213> ORGANISM: Rattus norvegicus
378 <400> SEQUENCE: 6
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384 Ser Asp Gly Ser Asp Tyr Ile Val Asp Leu Glu Glu Ala Gly Pro Leu
385             20                  25                  30
388 Glu Ala Lys Val Ala Glu Val Phe Leu Val Val Ile Tyr Ser Leu Val
389         35                  40                  45
392 Cys Phe Leu Gly Ile Leu Gly Asn Gly Leu Val Ile Val Ile Ala Thr
393     50                  55                  60
396 Phe Lys Met Lys Lys Thr Val Asn Thr Val Trp Phe Val Asn Leu Ala
397 65                  70                  75                  80
400 Val Ala Asp Phe Leu Phe Asn Ile Phe Leu Pro Ile His Ile Thr Tyr
401             85                  90                  95
404 Ala Ala Met Asp Tyr His Trp Val Phe Gly Lys Ala Met Cys Lys Ile
405             100                 105                 110
408 Ser Ser Phe Leu Leu Ser His Asn Met Tyr Thr Ser Val Phe Leu Leu
409         115                 120                 125
412 Thr Val Ile Ser Phe Asp Arg Cys Ile Ser Val Leu Leu Pro Val Trp
413     130                 135                 140
416 Ser Gln Asn His Arg Ser Val Arg Leu Ala Tyr Met Thr Cys Val Val
417 145                 150                 155                 160
420 Val Trp Val Trp Leu Ser Ser Glu Ser Pro Pro Ser Leu Val Phe Gly
421             165                 170                 175
424 His Val Ser Thr Ser His Gly Lys Ile Thr Cys Phe Asn Asn Phe Ser
425             180                 185                 190
428 Leu Ala Ala Pro Glu Pro Phe Ser His Ser Thr His Pro Arg Thr Asp
429         195                 200                 205
432 Pro Val Gly Tyr Ser Arg His Val Ala Val Thr Val Thr Arg Phe Leu
433     210                 215                 220
436 Cys Gly Phe Leu Ile Pro Val Phe Ile Ile Thr Ala Cys Tyr Leu Thr
437 225                 230                 235                 240
440 Ile Val Phe Lys Leu Gln Arg Asn Arg Gln Ala Lys Thr Lys Lys Pro
441             245                 250                 255
444 Phe Lys Ile Ile Ile Thr Ile Ile Thr Phe Phe Leu Cys Trp Cys
445             260                 265                 270
448 Pro Tyr His Thr Leu Tyr Leu Leu Glu Leu His His Thr Ala Val Pro
449     275                 280                 285
452 Ala Ser Val Phe Ser Leu Gly Leu Pro Leu Ala Thr Ala Val Ala Ile
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 03/30/2005
PATENT APPLICATION: **US/10/603,566A**   TIME: 10:56:08

Input Set : **A:\March'~1.txt**
Output Set: **N:\CRF4\03302005\J603566A.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:92; Xaa Pos. 3,4,5,7,9
Seq#:93; Xaa Pos. 4,5,7,9
Seq#:94; Xaa Pos. 1,2,3,4,5,6,7,8,9

VERIFICATION SUMMARY   DATE: 03/30/2005
PATENT APPLICATION: **US/10/603,566A**   TIME: 10:56:08

Input Set : **A:\March'~1.txt**
Output Set: **N:\CRF4\03302005\J603566A.raw**

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L:2012 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93 after pos.:0
L:2062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:0